

5/24/2019

Denali Water
Cindy Duenes
2001 Key Street
Colton, CA, 92324

Ref: Analytical Testing
Report Number: 19-137-0209
Project Description: Moreno Valley

Dear Cindy Duenes:

Waypoint Analytical Virginia, Inc. received sample(s) on 5/17/2019 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Sub-contracted testing is noted on the Sample Summary Table if applicable.

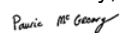
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2012) and NELAC unless otherwise indicated.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Pauric McGroary
Agronomist

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Virginia 460014





Client: Denali Water
Project: Moreno Valley
Lab Report Number: 19-137-0209
Date: 5/23/2019

CASE NARRATIVE

Nitrate + Nitrite Nitrogen Method 4500NO3F-2011

Sample 66455

Analyte: Nitrate+Nitrite N

QC Batch No: E68858

The MS/MSD recoveries are outside QC limits due to the level of analyte present in the parent sample relative to the spike level . RPD is based on the MS/MSD results and should be evaluated as laboratory duplicates.



Sample Summary Table

Report Number: 19-137-0209

Client Project Description: Moreno Valley

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
66457	Moreno Valley	Solids	05/15/2019 11:00	05/17/2019		
66457	Moreno Valley	Solids	05/15/2019 11:00	05/17/2019	SW-7471B	WTN
66457	Moreno Valley	Solids	05/15/2019 11:00	05/17/2019	6010D	WTN

Report Number: 19-137-0209

Account Number: 11035



7621 Whitepine Road, Richmond, VA 23237

Main 804-743-9401 • Fax 804-271-6446

www.waypointanalytical.com

Send To: Denali Water
Cindy Duenes
2001 Key Street
Colton, CA 92324

Project : Moreno Valley

Lab Number : 66457

Sample Id : Moreno Valley

REPORT OF ANALYSIS

Date Sampled: 5/15/2019 11:00:00

Date Received: 05/17/2019 00:00

Date Reported: 05/24/2019

PARAMETER	RESULT (%)	RESULT (mg/kg)	QUANTITATION LIMIT (mg/kg*)	ANALYST	ANALYSIS DATE/TIME	METHOD
Total Solids *	28.05			BW1	05/21/2019 15:49	SM-2540G
Moisture *	71.94			BW1	05/21/2019 15:49	SM-2540G
Total Kjeldahl Nitrogen	5.60	56000	50.0	R D	05/20/2019 09:00	SM-4500-NH3C-TKN
Phosphorus	2.75	27500	50.0	KKM	05/23/2019 02:26	6010D
Potassium	0.10	968	50.0	KKM	05/23/2019 02:26	6010D
Sulfur	2.51	25100	50.0	KKM	05/23/2019 02:26	6010D
Calcium	2.44	24400	250	KKM	05/23/2019 02:26	6010D
Magnesium	0.34	3380	50.0	KKM	05/23/2019 02:26	6010D
Sodium	0.13	1290	250	KKM	05/23/2019 02:26	6010D
Iron		82100	50.0	KKM	05/23/2019 02:26	6010D
Aluminum		8220	50.0	BKN	05/23/2019 02:26	6010D
Manganese		228	5.00	KKM	05/23/2019 02:26	6010D
Copper		303	2.50	KKM	05/23/2019 02:26	6010D
Zinc		689	12.5	KKM	05/23/2019 02:26	6010D
Ammonia Nitrogen	1.46	14600	50.0	R D	05/20/2019 09:00	SM-4500-NH3C
Organic N	4.14	41400	50.0		05/20/2019 09:00	CALCULATION
Nitrate+Nitrite-N		10.9	2.37	MMT	05/21/2019 13:13	4500NO3F-2011

All values are on a dry weight basis except as noted by asterisk. Detection limit on all N series is on a wet basis.

B - Analyte detected in blank H - Beyond Holding Time

A handwritten signature in black ink that reads "Paucic McGroary".

Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced in whole or part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

Paucic McGroary
Agronomist

Report Number: 19-137-0209

Account Number: 11035



7621 Whitepine Road, Richmond, VA 23237

Main 804-743-9401 ° Fax 804-271-6446

www.waypointanalytical.com

Send To: Denali Water
Cindy Duenes
2001 Key Street
Colton , CA 92324

Project : Moreno Valley

Lab Number : 66457

Sample Id : Moreno Valley

REPORT OF ANALYSIS

Date Sampled: 5/15/2019 11:00:00

Date Received: 05/17/2019 00:00

Date Reported: 05/24/2019

PARAMETER	RESULT (%)	RESULT (mg/kg)	QUANTITATION LIMIT (mg/kg*)	ANALYST	ANALYSIS DATE/TIME	METHOD
Cadmium		3.46	1.00	KKM	05/23/2019 02:26	6010D
Chromium		116	2.50	KKM	05/23/2019 02:26	6010D
Nickel		43.5	2.50	KKM	05/23/2019 02:26	6010D
Lead		12.8	3.00	KKM	05/23/2019 02:26	6010D
Arsenic		7.66	5.00	KKM	05/23/2019 02:26	6010D
Mercury		0.532	0.0156	TJS	05/23/2019 12:06	SW-7471B
Selenium		12.9	5.00	KKM	05/23/2019 02:26	6010D
Molybdenum		22.7	2.50	KKM	05/23/2019 02:26	6010D

Comments:

All values are on a dry weight basis except as noted by asterisk. Detection limit on all N series is on a wet basis.

B - Analyte detected in blank H - Beyond Holding Time

A handwritten signature in black ink that reads "Paucic McGroary".

Our reports and letters are for the exclusive and confidential use of our clients, and may not be reproduced in whole or part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

Paucic McGroary
Agronomist

Cooler Receipt Form

Customer Number: **11035**

Customer Name: **Denali Water**

Report Number: **19-137-0209**

Shipping Method

☐ Fed Ex ☐ US Postal ☐ Lab ☐ Other :
☒ UPS ☐ Client ☐ Courier Thermometer ID:

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Required
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Water - Sample containers properly preserved	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)	<input type="checkbox"/> Low concentration EnCore samplers (48 hr)		
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)	<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:



SAMPLE TRANSMITTAL FORM/CLIENTS BODY

Account #

11035

7621 Whitepine Road Richm

19-137-0209
11035
05-17-2019
15:06:37

@al-labs-eastern.com

Denali Water
Moreno Valley

Submitted By

Copy To

Denali Water Solutions

Denali Water Solutions

Franklin Ave STEA

Franklin Ave STEA

chrisamarks@comcast.net

Riverside CA 92507

Riverside CA 92507

Project		Sample Information																
Sample ID	Lab Number (Lab Use Only)	Collection Information			Container Information			Please Check Desired Tests										
		Type	Date	Time	Number of Bottles	Type	Volume	SL1	SL2	503 Metals	Nitrogen Series	pH	CCE	Ag	Cl	Volatile Solids	Test Package	
Riverside		<input type="checkbox"/> Grab <input type="checkbox"/> Composite	5/15/2019	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt											SLSOSO
Carson		<input type="checkbox"/> Grab <input type="checkbox"/> Composite	5/15/2019	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt											SLSOSO
Moreno Valley	16457	<input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite	5/15/2019	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt											SLSOSO
Hyperion		<input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite	5/15/2019	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt											SLSOSO
San Jacinto		<input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite	5/15/2019	1100	1	<input type="checkbox"/> Glass <input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> oz <input type="checkbox"/> pint <input checked="" type="checkbox"/> qt											SLSOSO

Relinquished By: (Signature)	Date	Time	Received By: (Signature)	Date	Time
Chris Marks (signature)	5/15/2019	500			
Feder	5/17/19				

Test Package Details	Special Instructions or Remarks
SL1: Total Solids (Moisture) Total Kjeldahl Nitrogen, Phosphorus and Potassium	
SL2: Basic Test SL1 plus Sulfur, Calcium, Magnesium, Sodium, Iron, Aluminum, Manganese, Copper And Zinc	
503 Metals: Arsenic, Cadmium, Chromium, Mercury, Molybdenum, Lead, Nickel, Selenium. (Copper & Zinc included in SL2)	
Nitrogen Series: Total Kjeldahl, Ammonium, Nitrate & Organic Nitrogen.	
CCE: Calcium Carbonate Equivalent or Total neutralization Value (For Lime Treated Sludge)	No ice